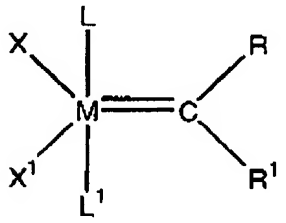
Amendment to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A polymer composite comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 30 and a polydispersity below 2.7 at least one filler and optionally at least one cross-linking agent,

wherein the optionally hydrogenated, nitrile rubber polymer is prepare by reacting a nitrile polymer in the presence of one ore more compounds of the general formulas I, II, III or IV;



Formula I

wherein:

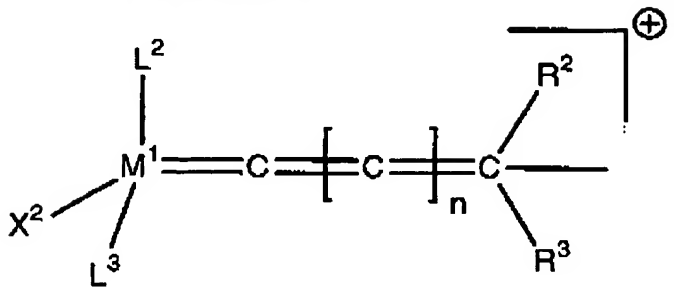
M is Os or Ru,

R and R^1 are, independently, hydrogen or a hydrocarbon selected from the group consisting of C_2-C_{20} alkenyl, C_2-C_{20} alkynyl, C_1-C_{20} alkyl, aryl, C_1-C_{20} carboxylate, C_1-C_{20} alkoxy, C_2-C_{20} alkenyloxy, C_2-C_{20} alkynyloxy, aryloxy, C_2-C_{20} alkoxycarbonyl, C_1-C_{20} alkylthio, C_1-C_{20} alkylsulfonyl and C_1-C_{20} alkylsulfinyl,

X and X^1 are independently any anionic ligand, and

L and L^1 are independently any neutral ligand, such as phosphines, amines, thioethers or imidazolidinylidenes or any neutral carbine, optionally, L and L^1 can be linked to one another to from a

bidentate neutral ligand;



Formula II

wherein:

M^1 is Os or Ru;

R^2 and R^3 are, independently, hydrogen or a hydrocarbon selected from the group consisting of C_2-C_{20} alkenyl, C_2-C_{20} alkynyl, C_1-C_{20} alkyl, aryl, C_1-C_{20} carboxylate, C_1-C_{20} alkoxy, C_2-C_{20} alkenyloxy, C_2-C_{20} alkynyloxy, aryloxy, C_2-C_{20} alkoxycarbonyl, C_1-C_{20} alkylthio, C_1-C_{20} alkylsulfonyl and C_1-C_{20} alkylsulfinyl,

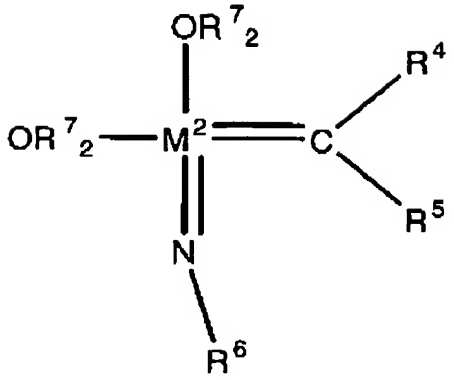
X^2 is a anionic ligand, and

L^2 is a neutral π-bonded ligand, independent of whether they are mono- or polycyclic,

L^3 is a ligand selected from the group consisting of phosphines, sulfonated phosphines, fluorinated phosphines, functionalized phosphines bearing up to three aminoalkyl-, ammoniumalkyl-, alkoxyalkyl-, alkoxylcarbonylalkyl-, hydrocycarbonylalkyl-, hydroxyalkyl- or ketoalkyl- groups, phosphites, phosphinites, phosphonites, phosphinamines, arsines, stibenes, ethers, amines, amides, imines, sulfoxides, thioethers and pyridines,

Y^- is a non-coordinating anion,

n is an integer in the range of from 0 to 5;



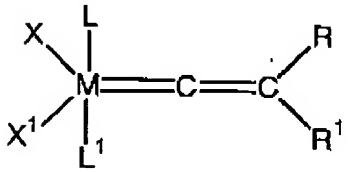
Formula III

wherein

M^2 is Mo or W,

R^4 and R^5 are, independently, hydrogen or a hydrocarbon selected from the group consisting of C_2-C_{20} alkenyl, C_2-C_{20} alkynyl, C_1-C_{20} alkyl, aryl, C_1-C_{20} carboxylate, C_1-C_{20} alkoxy, C_2-C_{20} alkenyloxy, C2-C_{20} alkynyloxy, aryloxy, C_2-C_{20} alkoxycarbonyl, C_1-C_{20} alkylthio, C_1-C_{20} alkylsulfonyl and C_1-C_{20} alkylsulfinyl,

R^6 and R^7 are independently selected from any unsubstituted or halo-substituted alkyl, aryl, aralkyl groups or silicon-containing analogs thereof,



Formula IV

wherein:

M is Os or Ru,

R and R^1 are independently selected from the group consisting of hydrogen, substituted or unsubstituted alkyl, and substituted or unsubstituted alkyl,

X and X^1 are independently any anionic ligand, and
L and L^1 are independently any neutral ligand, such as phosphines, amines, thioethers or imidazolidinylidenes or any neutral carbine, optionally, L and L^1 can be linked to one another to from a bidentate neutral ligand.

2. (Previously Presented) The polymer composite according to Claim 1, wherein the polymer Mooney viscosity (ML 1+4 @ 100°C) is below 20.

3. (Previously Presented) The polymer composite according to Claim 1, wherein the polymer Mooney viscosity (ML 1+4 @ 100°C) is below 10.

4. (Previously Presented) The polymer composite according to Claim 1, wherein the polymer composite further comprises a curing system selected from the group consisting of peroxide curing systems and sulfur curing systems.

5. (Currently Amended) ~~The~~ [[A]] process for preparing a [[the]] polymer composite according to Claim 1, comprising mixing at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 30, at least one filler and optionally at least one cross-linking agent.

6. (Currently Amended) ~~The~~ [[A]] process for the manufacture of a shaped article comprising the step of injection molding ~~a~~ [[the]] polymer composite according to Claim 1, comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 30 and a polydispersity index below 2.7, at least one filler and at least one cross-linking agent.

7. (Currently Amended) ~~The~~ [[A]] process according to Claim 6, wherein the shaped article is seal, gasket, belt, hose, bearing pad, stator, well head seal, valve plate, cable sheathing, wheel, roller, in place gaskets or pipe seal.

8. (Currently Amended) The process for the manufacture of a shaped article comprising the step of liquid injection molding ~~a~~ [[the]] polymer composite according to Claim 1, comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 10, at least one filler and at least one cross-linking agent.

9. (Previously Presented) The process according to Claim 8, wherein the shaped article is seal, gasket, belt, hose, bearing pad, stator, well head seal, valve plate, cable sheathing, wheel, roller, in place gaskets or pipe seal.